

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

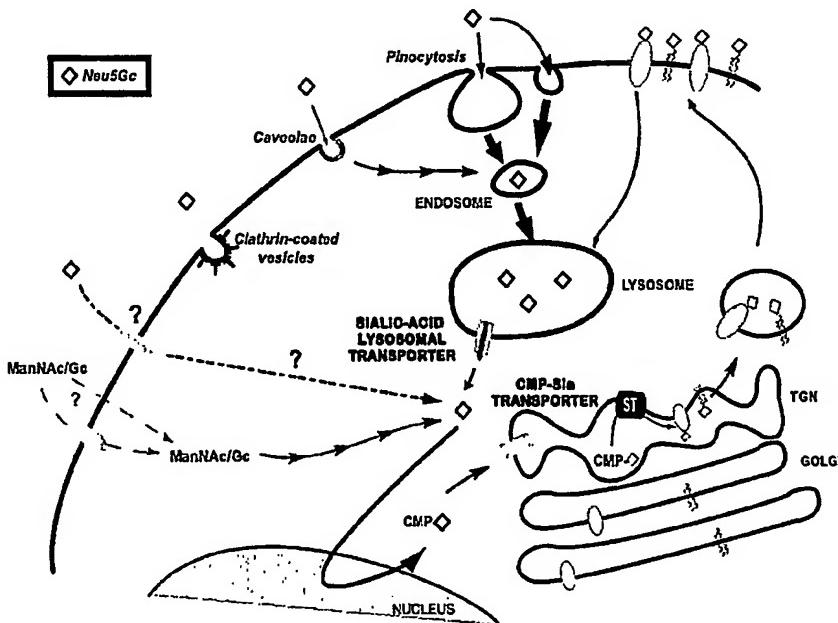
PCT

(10) International Publication Number
WO 2005/010485 A2

- (51) International Patent Classification⁷: **G01N**
- (21) International Application Number: **PCT/US2004/022415**
- (22) International Filing Date: 14 July 2004 (14.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/487,533 15 July 2003 (15.07.2003) US
- (71) Applicant (for all designated States except US): **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **VARKI, Ajit** [US/US]; 14042 Rue d'Azur, Del Mar, CA 92014 (US). **TANGVORANUNTAKUL, Pam** [US/US]; 3843 Miramar Street, Apt. D, La Jolla, CA 92037 (US). **VARKI, Nissi** [US/US]; 14042 Rue D'Azur, Del Mar, CA
- 92014 (US). **MUCHMORE, Elaine** [US/US]; 7037 Via Valverde, La Jolla, CA 92037 (US). **GAGNEUX, Pascal** [US/US]; 4952 Everts Street, San Diego, CA 92109 (US). **DIAZ, Sandra** [US/US]; 13207 Gabilan Road, San Diego, CA 92128 (US).
- (74) Agent: **AXFORD, Laurie, A.**; Burns Doane Swecker & Mathis LLP, 402 West Broadway, Suite 400, San Diego, CA 92101-3542 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: METHODS FOR DETECTING AND ANALYZING N-GLYCOLYLNURAMINIC ACID (NEU5GC) IN BIOLOGICAL MATERIALS



(57) Abstract: The present application is in the field of sialic acid chemistry, metabolism and antigenicity. More particularly, the present invention relates to the detection and analysis of the non-human sialic acid, N-glycolylneuraminic acid (Neu5Gc) in biological materials, such as food and clinical specimens. Such detection and analysis is facilitated by the use of Neu5Gc specific antibodies. The present invention also relates to the detection of antiNeu5Gc antibodies in clinical samples, as well as the production of anti-Neu5Gc specific antibodies.

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GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

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